INDUSTRIAL COMPONENT DATA

NBC-M12MRD/ 2,0-93E/R4AC US 1406122 PHOENIX CONTACT Network cable

Brand: PHOENIX CONTACT | Manufacturer Part Number: NBC-M12MRD/ 2,0-93E/R4AC US



Manufacturer	PHOENIX CONTACT
MPN / Reference	NBC-M12MRD/ 2,0-93E/R4AC US
Catalog number	1406122
Category	Sensor-actuator patch cord
Minimum order	50 Pcs
Document ID	EO-1DEF3D37CA
Generated	2026-11-18

Product Overview

Network cable
Network cable, CAT5 Ethernet (100 MBit/s), 4-pole halogen-free, shielded, M12 angled connector, encoding: D / IP67, a RJ45 / IP20 straight connector, cable length: 2 m
Network cable, Ethernet CAT5 (100 Mbps), 4-position, PUR halogen-free, water blue RAL 5021, shielded, Plug angled M12, coding: D / IP67, on Plug straight RJ45 / IP20, cable length: 2 m

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Industrial Field Connectivity (IFC)

Additional Product Information

Technical dataProduct propertiesProduct type Data cable preassembled
Application Standard, U.S. cables
Sensor type Ethernet
Number of positions 4
Shielded yes
Coding D
InterfacesBus system Ethernet
Signal type/category Ethernet CAT5 (IEC 11801), 100 Mbps
SignalingStatus display no
Status display present No
Electrical propertiesNominal voltage UN 48 V AC

60 V DC
Nominal current IN 1 A
Transmission medium Copper
Transmission characteristics (category) CAT5 (IEC 11801:2002)
ConnectorConnection 1
Type Plug angled M12 / IP67
Coding type D (Data)
Material CuSn (Contact)
Ni/Au (Contact surface)
PA (Contact carriers)
TPU, hardly inflammable, self-extinguishing (Grip body)
Zinc die-cast, nickel-plated (Screw connection)
Degree of protection IP67
Connection 2
Type Plug straight RJ45 / IP20
Material CuSn (Contact)
Ni/Au (Contact surface)
PA (Contact carriers)
PA (Housing)
Degree of protection IP20
Cable/lineCable length 2 m
Ethernet flexible CAT5, 2-pair [93E]
Dimensional drawing
Cable weight 42 kg/km
UL AWM Style 20963 (80°C/30 V)
Wiring standards/regulations Electrical requirements EN 50288-2-2
Number of positions 4
Shielded yes
Cable type Ethernet flexible CAT5, 2-pair [93E]
Conductor structure 2x2xAWG26/7, SF/UTP
Signal runtime 5.3 ns/m
Conductor structure signal line 7x 0.16 mm
AWG signal line 26
Conductor cross section 2x 2x 0.14 mm²
Wire diameter incl. insulation 0.98 mm
External cable diameter 6.40 mm ±0.2 mm
Outer sheath, material PUR
External sheath, color water blue RAL 5021...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / NBC-M12MRD/ 2,0-93E/R4AC US with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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